

ENSEMB.003A



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**

APR 01 2002

Applicant : Pollmann, et al.  
Appl. No. : 09/800,268  
Filed : March 5, 2001  
For : EQUALIZER PERFORMANCE  
ENHANCEMENTS FOR  
BROADBAND WIRELESS  
APPLICATIONS  
Examiner : TBD

Group Art Unit 2681 Technology Center 2600

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

March 20, 2002

(Date)

James F. Herkenhoff, Registration No. 51,241

#5/A  
L. McLaughlin  
4-7-02

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel Claims 1-25 without prejudice or disclaimer.

Please add Claims 26-94 as follows:

26. A method for operation of a modem system which demodulates data bursts from a plurality of remote sites using stored channel parameters for each remote site, the method comprising:

- receiving a data burst from a current remote site;
- determining a next remote site which will transmit a next data burst;
- determining attenuation levels and equalizer tap values for the next remote site;
- determining an equalizer phase error from the determined equalizer tap values for the next remote site;

the next remote site;

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